Desert View Power, Inc. an affiliate of

Greenleaf POWER

1/16/2020

DVP-200003

Director, Air Management Division
Attention: A-3-3
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2019.

RE: A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

1) 4th Quarter, Quarterly Emissions Report for 2019 for Desert View Power
    - Emissions summary reports for each permitted pollutant for our two boilers.
    - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2019 to December 30, 2019. 1If you have questions or comments, please feel free to call me at (916) 596-2503.

Sincerely,

Heath Hildebrand

Heath Hildebrand

Plant Manager Desert View Power

62-300 Gene Welmas Dr | Mecca, CA 92254
(760)396-2554
www.greenleaf-power.com

Enclosure

cc: Chief, Stationary Source Division
California Air Resources Board
P.O. Box 2815
Sacramento, CA 95814

Air Pollution Control Officer
Attention: Mr. David Jones, AQAC Supervisor
South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, CA 91765-4182

Air Division Director
U.S. Environmental Protection Agency
Attention: AIR-5
75 Hawthorne Street
San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct. 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 41.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 41.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	41.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	41.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	34.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	34.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 1.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 1.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 35.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 35.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	34.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	34.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =1.89 % [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	34.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	34.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	35.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	35.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89 % [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
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Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	34.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	34.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84 % [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.
20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330
Opacity-Monitor Labs Inc.
LightHawk 560

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr or 110,880 minutes

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0 min
	b. Control equipment problems:	0 min
	c. Process problems:	0 min
	d. Other known problems:	0 min
	e. Unknown problems:	0 min
2.	Total duration of excess emissions:	0 min
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0 min
	b. Non-monitor equipment malfunction:	0 min
	c. Quality assurance calibration:	0 min
	d. Other known causes:	306 min
	e. Unknown causes:	0 min
2.	Total CMS downtime:	306 min
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2760% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	35.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	35.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.71% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
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Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 31.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 31.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.51% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	26.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	26.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 28.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 28.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.10% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	28.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	28.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.
20% 6-min period.
Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330
Opacity-Monitor Labs Inc.
LightHawk 560

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr or 123,000 minutes

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0 min
   b. Control equipment problems: 0 min
   c. Process problems: 0 min
   d. Other known problems: 0 min
   e. Unknown problems: 0 min
2. Total duration of excess emissions: 0 min
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0 min
   b. Non-monitor equipment malfunction: 0 min
   c. Quality assurance calibration: 0 min
   d. Other known causes: 306 min
   e. Unknown causes: 0 min
2. Total CMS downtime: 306 min
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2488% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT BOILER #1 CEMS

Boiler 1 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/mmBtu	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/mmBtu	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/5/2019 3:00 AM	3:59 AM	1 hour	Boiler Offline	
	Total duration		16 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/mmBtu	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/mmBtu	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/5/2019 3:00 AM	3:59 AM	1 hour	Boiler Offline	
	Total duration		16 hours		

Boiler 1 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/27/2019 11:00 AM	2:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/23/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 1 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/27/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/23/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		17 hours		

EMISSIONS DOWNTIME REPORT BOILER #2 CEMS

Boiler 2 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		28 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		28 hours		

Boiler 2 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/16/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/17/2019 7:00 PM	8:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2019 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/27/2019 1:00 AM	4:59 AM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		31 hours		

Boiler 2 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/16/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	10/17/2019 7:00 PM	8:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/10/2019 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/27/2019 3:00 AM	4:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		35 hours		

EMISSIONS DOWNTIME REPORT STACK CEMS

Boilers Stack CEMS Downtime

Colmac Energy

Opacity % 6-Min Avg CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
Opacity % 6-Min Avg	10/23/2019 9:36 PM	9:41 PM	6 minutes	*Not specified*	
Opacity % 6-Min Avg	11/4/2019 10:30 PM	11:59 PM	1 hour, 30 minutes	Lost communication to CEM.	Communication re-established, CEM back in service.
Opacity % 6-Min Avg	11/5/2019 12:06 AM	12:59 AM	54 minutes	Lost communication to CEM.	Communication re-established, CEM back in service.
Opacity % 6-Min Avg	11/5/2019 1:06 AM	1:23 AM	18 minutes	Lost communication to CEM.	Communication re-established, CEM back in service.
Opacity % 6-Min Avg	11/9/2019 5:42 AM	5:59 AM	18 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	11/9/2019 6:06 AM	6:41 AM	36 minutes	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Opacity % 6-Min Avg	12/5/2019 3:54 AM	3:59 AM	6 minutes	Boiler Offline	
Opacity % 6-Min Avg	12/5/2019 2:06 PM	3:35 PM	1 hour, 30 minutes	STACK CALIBRATION	Calibration Complete
	Total duration		5 hours, 18 minutes		

EXCESS EMISSIONS REPORTS
BOILER #1 CEMS

Boiler 1 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx lb/hr 3-Hr Rolling	12/11/2019 9:00 AM	9:59 AM	1 hour	31.0	31.0	31.0	30	O2 wet analyzer inverter failed	E/I performed a single point calibrabration on the wet O2
Total duration			1 hour						

Boiler 1 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 1 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

EXCESS EMISSIONS REPORTS
BOILER #2 CEMS

Boiler 2 Excess Emissions

Colmac Energy

NOx ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

NOx lbs/day Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 ppm @3% O2 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/mmbtu 30 SOD Rlg Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

SO2 lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

CO ppm @3% O2 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boiler 2 Excess Emissions

Colmac Energy

CO lb/hr 3-Hr Rolling Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

EXCESS EMISSIONS REPORTS
STACK CEMS

Boilers Stack Excess Emissions

Colmac Energy

Opacity % 3-Min Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

Boilers Stack Excess Emissions

Colmac Energy

Opacity % 6-Min Avg Excess Emissions for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action

There are no excess emissions for this report.

South Coast Air Quality Management District

Form 500-N

Title V - Deviations, Emergencies & Breakdowns

*This written report is in addition to requirements to verbally report certain types of incidents. Verbal reports may be made by calling AQMD at 1-800-288-7664 (1-800-CUT-SMOG) or AQMD enforcement personnel.

Mail To:
SCAQMD
P.O. Box 4941
Diamond Bar, CA 91765-0941

Tel: (909) 396-3385
www.aqmd.gov

Section I - Operator Information

1. **Facility Name** (Business Name of Operator That Appears On Permit): Desert View Power

2. **Valid AQMD Facility ID** (Available On Permit Or Invoice Issued By AQMD): 100154

3. **Address:** (where incident occurred) 62-300 Gene Welmas Dr. (Street Address)
Mecca (City) CA (State) 92254 (Zip)

4. **Mailing Address:** (if different from Item 3) Same As Above (Street Address)
(City) (State) (Zip)

5. **Provide the name, title, and phone number of the person to contact for further information:**

Kevin Lawrence	Operations Manager	(760) 262-1644
Name	Title	Phone #

Section II - Reporting of Breakdowns, Deviations, and Emergencies

1. **This written notification is to report a(n):**

Type of Incident	Verbal Report Due*	Written Report Due
a. ☐ Emergency under Rule 3002(g)	Within 1 hour of discovery	Within 2 working days from when the emission limit was exceeded.
b. ☐ Breakdown under: ☐ Rule 430 (Non-RECLAIM) ☐ Rule 2004 (RECLAIM) ☐ Rule 218 (Non-RECLAIM) [See Rule 218(f)(3)]	For Rules 430 & 2004 - Within 1 hour of discovery. For Rule 218 – Within 24 hours or next business day for failure/shutdown exceeding 24 hours	For Rules 430 & 2004 - Within 7 calendar days after breakdown is corrected, but no later than 30 days from start of the breakdown, unless a written extension is granted. For Rule 218 - With required semi-annual reports.
c. ☒ Deviation with excess emissions [See Title V Permit, Section K, Condition No. 22B]	Within 72 hours of discovery of the deviation or shorter reporting period if required by an applicable State or Federal Regulation.	Within 14 days of discovery of the deviation.
d. ☐ Other Deviation [See Title V Permit, Section K, Condition Nos. 22D & 23]	None	With required semi-annual monitoring reports.

2. **The incident was first discovered by:** Louie Lopez (Name) on 12/11/2019 (Date) 10:00 (Time) ◉ AM ○ PM

3. **The incident was first reported by:** Operator #7 (Name of AQMD Staff Person) on 12/11/2019 (Date) 10:16 (Time) ◉ AM ○ PM

a. ◉ Via Phone

b. ○ In Person

Notification Number (Required): 590901

4. **When did the incident actually occur?** 12/11/2019 (Date) 10:00 (Time) ◉ AM ○ PM

AQMD USE ONLY			
Received By:		Assigned By:	Inspector:
Date/Time Received:		Date/Time Assigned:	Date/Time Received Assignment:
Date Delivered To Team:		Date Reviewed Inspector Report:	Date Inspected Facility:
Team:	Sector:	Breakdown/Deviation Notification No.	Date Completed Report:

Recommended Action: Cancel Notification Grant Relief Issue NOV No. _____ Other: _____

Final Action: Cancel Notification Grant Relief Issue NOV No. _____ Other: _____

5. Has the incident stopped? a. (•) Yes, on: 12/11/2019 (Date) 11:00 (Time) (•) AM ( ) PM b. ( ) No

6. What was the total duration of the incident? 0 (Days) 01 (Hours)

7. For equipment with an operating cycle, as defined in Rule 430 (b)(3)(A), when was the end of the operating cycle during which the incident occurred? 12/11/2019 (Date) 10:00 (Time) (•) AM ( ) PM

8. Describe the incident and identify each piece of equipment (by permit, application, or device number) affected. Attach photos (when available) of the affected equipment and attach additional pages as necessary.

U1 CEM went into cal at 07:40. Upon completion of the cal U1 CEM failed O2 wet calibration. The E/I tech took U1 CEM out of service to perform a single point cal on the O2 wet. U1 did not comeback out of cal until 09:00. This elevated the hour average.

9. The incident may have resulted in a:

a. [X] Violation of Permit Condition(s): EPA Permit CB-OP 99-01 II.A.15

b. [ ] Violation of AQMD Rule(s):

10. What was the probable cause of the incident? Attach additional pages as necessary.

High NOx readings after U1 CEM came out of daily calibration. U1 CEM failed the O2 wet and because of this there was less data to use for hour ending 09:00. That elevated that hour's average to 36.44. The 3 hour average is 30.0 lbs/hr.

11. Did the incident result in excess emissions? ( ) No (•) Yes (Complete the following and attach calculations.)

[ ] VOC _____ lbs [X] NOx 30.800 lbs [ ] SOx _____ lbs [ ] H2S _____ lbs

[ ] CO _____ lbs [ ] PM _____ lbs [ ] Other: _____ lbs _____ pollutant

12. *For RECLAIM facilities Subject to Rule 2004 (i)(3) ONLY:* If excess emissions of NOx and/or SOx were reported in Item 11, do you want these emissions to be counted when determining compliance with your annual allocations?

a. ( ) Yes, for: [ ] NOx [ ] SOx b. ( ) No, for: [ ] NOx [ ] SOx

If box 12(b) above is checked, include all information specified in Rule 2004(i)(3)(B) and (C), as applicable.

13. Describe the steps taken to correct the problem (i.e., steps taken to mitigate excess emissions, equipment repairs, etc.) and the preventative measures employed to avoid future incidents. Include photos of the failed equipment if available and attach additional pages as necessary.

After U1 CEM failed O2 wet our E/I tech performed a single point O2 calibration. Once out of cal the control room operator aised ammonia flow to lower 3-hr average.

14. Was the facility operating properly prior to the incident?

a. (•) Yes b. ( ) No, because:

15. Did the incident result from operator error, neglect or improper operation or maintenance procedures?

a. ( ) Yes b. (•) No, because: It was an equipment breakdown when the wet O2 failed calibration.

16. Has the facility returned to compliance?

a. ( ) No, because:

b. (•) Yes (Attach evidence such as emissions calculations, contemporaneous operating logs or other credible evidence.)

Section III - Certification Statement

I certify under penalty of law that based on information and belief formed after reasonable inquiry, the statements and information in this document and in all attachments and other materials are true, accurate, and complete.

For Title V Facilities ONLY: [X] I also certify under penalty of law that that I am the responsible official for this facility as defined in AQMD Regulation XXX.

1. Signature of Responsible Official:	2. Title of Responsible Official:
	Plant Manager
3. Print Name:	4. Date:
Heath Hildebrand	12/11/2019
5. Phone #:	6. Fax #:
(760) 262-1600	

7. Address of Responsible Official:

Street #	City	State	Zip
62-300 Gene Welmas Dr.	Mecca	CA	92254

Colmac Energy

Mecca, CA

Boiler 1 Daily Emissions Report

December 11, 2019

Emission Limits

Daily	*30-Day Rolling*
NOx lbs- 648	NOx lb/mmBtu - 0.3
	SO2 lb/mmBtu - 1.2

Hour	O2%	NOx ppm	NOx ppm @3% O2	NOx lb/mmBtu	NOx lbs	SO2 ppm	SO2 ppm @3% O2	SO2 lb/mmBtu	SO2 lbs	CO ppm	CO ppm @3% O2	CO lb/mmBtu	CO lbs	Process Status
00	8.8	46.0	68.0	0.095	26.13	12.1	17.9	0.035	9.51	10.1	14.9	0.013	3.48	Normal
01	8.7	50.2	73.7	0.103	28.73	13.6	20.0	0.039	10.84	10.5	15.4	0.013	3.64	Normal
02	8.8	43.6	64.5	0.090	24.82	8.5	12.6	0.024	6.70	10.0	14.8	0.013	3.47	Normal
03	9.0	44.4	66.8	0.093	24.82	10.1	15.2	0.029	7.88	10.0	15.0	0.013	3.40	Normal
04	8.8	47.0	69.5	0.097	26.62	12.5	18.5	0.036	9.85	10.0	14.8	0.013	3.44	Normal
05	8.7	48.1	70.6	0.098	27.59	8.0	11.7	0.023	6.37	10.1	14.8	0.013	3.53	Normal
06	8.7	46.5	68.2	0.095	26.11	9.4	13.8	0.027	7.31	10.0	14.7	0.012	3.42	Normal
07	8.6	47.2	68.7	0.096	27.26	16.3	23.7	0.046	13.10	10.0	14.6	0.012	3.52	Normal
08	8.3	51.8	73.6	0.103	36.44	10.9	15.5	0.030	10.64	10.0	14.2	0.012	4.28	Normal
09	8.4	50.5	72.3	0.101	28.59	7.5	10.7	0.021	5.86	11.7	16.8	0.014	3.99	Normal
10	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
11	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
12	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
13	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
14	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
15	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
16	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
17	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
18	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
19	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
20	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
21	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
22	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
23	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Inval	Normal
Average	8.7	47.5	69.6	0.097		10.9	16.0	0.031		10.2	15.0	0.013		
Total					277.11				88.06				36.2	
30-Day Rlng				0.091				0.028						
365-Day Rlng									61500					

Boiler 1 Excess Emissions

Colmac Energy

NOx lb/hr 3-Hr Rolling Excess Emissions for 12/11/2019

Parameter	Start	End	Duration	Value	Min	Max	Limit	Reason	Action
NOx lb/hr 3-Hr Rolling	12/11/2019 9:00 AM	9:59 AM	1 hour	31.0	31.0	31.0	30	*Not specified*	
Total duration			1 hour						

Desert View Power, Inc. an affiliate of

Greenleaf POWER

1/16/2020

DVP-200003

Director, Air Management Division
Attention: A-3-3
U.S. Environmental Protection Agency
75 Hawthorne Street
San Francisco, California 94105-3901

Subject: Desert View Power 4th Quarter, Quarterly Emission Report for 2019.

RE: A-3-1

NSR 4-4-11

SE 87-01

Dear Sir:

In compliance with our permit, enclosed are the following:

1) 4th Quarter, Quarterly Emissions Report for 2019 for Desert View Power
    - Emissions summary reports for each permitted pollutant for our two boilers.
    - Excess emissions reports from each of our two CEMS.

This report covers the period from October 01, 2019 to December 30, 2019. 1If you have questions or comments, please feel free to call me at (916) 596-2503.

Sincerely,

Heath Hildebrand

Heath Hildebrand

Plant Manager Desert View Power

Enclosure

cc: Chief, Stationary Source Division
California Air Resources Board
P.O. Box 2815
Sacramento, CA 95814

Air Pollution Control Officer
Attention: Mr. David Jones, AQAC Supervisor
South Coast Air Quality Management District
21865 E. Copley Drive
Diamond Bar, CA 91765-4182

Air Division Director
U.S. Environmental Protection Agency
Attention: AIR-5
75 Hawthorne Street
San Francisco, California 94105-3901

EMISSIONS SUMMARIES

BOILER #1

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct. 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lbs/hr.

Monitor Manufacturer and Model No.: CAI ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 41.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 41.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec. 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 41.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 41.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 2.22% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 34.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 34.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	1.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	1.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	35.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	35.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 34.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 34.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time =1.89 % [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 34.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 34.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 35.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 35.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.89 % [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4992T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	34.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	34.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.84 % [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.
20% 6-min period.

Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330
Opacity-Monitor Labs Inc.
LightHawk 560

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #1

Total source operating time in reporting period: 1848 hr or 110,880 minutes

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0 min
   b. Control equipment problems: 0 min
   c. Process problems: 0 min
   d. Other known problems: 0 min
   e. Unknown problems: 0 min
2. Total duration of excess emissions: 0 min
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0 min
   b. Non-monitor equipment malfunction: 0 min
   c. Quality assurance calibration: 0 min
   d. Other known causes: 306 min
   e. Unknown causes: 0 min
2. Total CMS downtime: 306 min
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2760% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS SUMMARIES

BOILER #2

CO lb/hr

CO ppm

NOx lb/MMBtu

NOx lb/hr

NOx ppm

SOx lb/MMBtu

SOx lb/hr

SOx ppm

Opacity

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 13 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 35.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 35.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.71% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: CO

Emissions limitation(s): 231 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 31.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 31.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.51% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: NO_x

Emissions limitation(s): 0.30 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	26.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	26.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 30 lb/hr

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 28.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 28.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: NO_x

Emissions limitation(s): 94 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.10% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 1.2 lb / Million BTU

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: SO_x

Emissions limitation(s): 12 lb/hr.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1.	Duration of excess emissions in reporting period due to:	
	a. Startup/Shutdown:	0.0 hr
	b. Control equipment problems:	0.0 hr
	c. Process problems:	0.0 hr
	d. Other known problems:	0.0 hr
	e. Unknown problems:	0.0 hr
2.	Total duration of excess emissions:	0.0 hr
3.	Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.00% [2]	

CMS Performance Summary[1]

1.	CMS downtime in reporting period due to:	
	a. Monitor equipment malfunction:	0.0 hr
	b. Non-monitor equipment malfunction:	0.0 hr
	c. Quality assurance calibration:	0.0 hr
	d. Other known causes:	28.0 hr
	e. Unknown causes:	0.0 hr
2.	Total CMS downtime:	28.0 hr
3.	(Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.37% [2]	

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019

Pollutant: SO_x

Emissions limitation(s): 27 ppm @ 3% O_2.

Monitor Manufacturer and Model No.: CAI
ZRE/A3F4993T

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0.0 hr
   b. Control equipment problems: 0.0 hr
   c. Process problems: 0.0 hr
   d. Other known problems: 0.0 hr
   e. Unknown problems: 0.0 hr
2. Total duration of excess emissions: 0.0 hr
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0.0 hr
   b. Non-monitor equipment malfunction: 0.0 hr
   c. Quality assurance calibration: 0.0 hr
   d. Other known causes: 26.0 hr
   e. Unknown causes: 0.0 hr
2. Total CMS downtime: 26.0 hr
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 1.27% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

Summary Report
Gaseous and Opacity Excess Emissions and
Monitoring System Performance

Desert View Power
62-300 Gene Welmas Drive
Mecca, CA 92254

Reporting period dates: From Oct 1, 2019 to Dec 31, 2019
Pollutant: Opacity

Emissions limitation(s): 10% 3-min period.
20% 6-min period.
Monitor Manufacturer and Model No.: CMS-CISCO Model 10001330
Opacity-Monitor Labs Inc.
LightHawk 560

Date of last CMS certification or audit: Emissions Performance Test on March 22, 2019

Process unit(s) Description: Woodwaste/petroleum coke fired power plant. Two steam generating boilers.

Unit No. Reported: Boiler #2

Total source operating time in reporting period: 2050.0 hr or 123,000 minutes

Emission Summary[1]

1. Duration of excess emissions in reporting period due to:
   a. Startup/Shutdown: 0 min
   b. Control equipment problems: 0 min
   c. Process problems: 0 min
   d. Other known problems: 0 min
   e. Unknown problems: 0 min
2. Total duration of excess emissions: 0 min
3. Total duration of excess emissions / Total source operating time x 100% = % of Total source operating time = 0.0% [2]

CMS Performance Summary[1]

1. CMS downtime in reporting period due to:
   a. Monitor equipment malfunction: 0 min
   b. Non-monitor equipment malfunction: 0 min
   c. Quality assurance calibration: 0 min
   d. Other known causes: 306 min
   e. Unknown causes: 0 min
2. Total CMS downtime: 306 min
3. (Total CMS downtime) / (Total source operating time) x (100%) = % of Total source operating time = 0.2488% [2]

1. For opacity, record all times in minutes. For gases, record all times in hours.
2. For the reporting period: If the total duration of excess emissions is 1 percent or greater of the total operating time or the total CMS downtime is 5 percent or greater of the total operating time, both the summary report form and the excess emission report described in ' 60.7(c) shall be submitted.

EMISSIONS DOWNTIME REPORT
BOILER #1 CEMS

Boiler 1 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/mmBtu	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/mmBtu	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	12/5/2019 3:00 AM	3:59 AM	1 hour	Boiler Offline	
	Total duration		16 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	10/27/2019 11:00 AM	1:59 PM	3 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/mmBtu	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/mmBtu	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/23/2019 12:00 AM	5:59 AM	6 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		22 hours		

Boiler 1 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	12/5/2019 3:00 AM	3:59 AM	1 hour	Boiler Offline	
	Total duration		16 hours		

Boiler 1 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/5/2019 11:00 PM	11:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/8/2019 8:00 PM	11:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/9/2019 12:00 AM	12:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/27/2019 11:00 AM	2:59 PM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO ppm @3% O2	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO ppm @3% O2	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/23/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 1 CEMS Downtime

Colmac Energy

CO lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO lb/hr	10/27/2019 2:00 PM	2:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
CO lb/hr	11/8/2019 8:00 AM	8:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/23/2019 12:00 AM	7:59 AM	8 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO lb/hr	11/23/2019 9:00 AM	9:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		17 hours		

EMISSIONS DOWNTIME REPORT
BOILER #2 CEMS

Boiler 2 CEMS Downtime

Colmac Energy

NOx ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx ppm @3% O2	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx ppm @3% O2	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/mmBtu	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/mmBtu	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

NOx lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
NOx lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
NOx lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
NOx lb/hr	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		28 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 ppm @3% O2	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 ppm @3% O2	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/mmBtu CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/mmBtu	10/17/2019 7:00 PM	7:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/mmBtu	11/27/2019 1:00 AM	2:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		26 hours		

Boiler 2 CEMS Downtime

Colmac Energy

SO2 lb/hr CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
SO2 lb/hr	11/4/2019 10:00 PM	11:59 PM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/5/2019 12:00 AM	1:59 AM	2 hours	Lost communication to CEM.	Communication re-established, CEM back in service.
SO2 lb/hr	11/9/2019 5:00 AM	6:59 AM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
SO2 lb/hr	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
	Total duration		28 hours		

Boiler 2 CEMS Downtime

Colmac Energy

CO ppm @3% O2 CEMS Downtime for 10/1/2019 thru 12/31/2019

Parameter	Start	End	Duration	Reason	Action
CO ppm @3% O2	10/16/2019 1:00 PM	1:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	10/17/2019 7:00 PM	8:59 PM	2 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/3/2019 6:00 AM	6:59 AM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/9/2019 3:00 PM	11:59 PM	9 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2019 12:00 AM	12:59 PM	13 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/10/2019 4:00 PM	4:59 PM	1 hour	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
CO ppm @3% O2	11/27/2019 1:00 AM	4:59 AM	4 hours	CEM out of service for maintenance.	Maintenance complete, CEM back in service.
Total duration			31 hours		